

**System and Method for Reporting  
Platform Errors in Partitioned Systems**

**ABSTRACT**

Hardware errors are stored in an error buffer for  
5 processing by one or more system partitions within a  
computer system. When errors are first placed in the  
buffer, an Already Reported Flag (ARF) is initialized to  
indicate that the error has not yet been reported to any of  
the system partitions. When one of the system partitions  
10 receives the corresponding error information by running a  
diagnostics routine, the ARF is set indicating that the  
error has been reported to at least one system partition.  
The system partition, in turn, uses the ARF information to  
determine how to handle the corresponding error. In an  
15 environment using a remote hardware service provider, the  
ARF determines whether to transmit the error information to  
the service provider. In environments without remote  
service providers, the ARF information is used to highlight  
newly reported errors to the user.